

Date: Tue, 2 Nov 93 16:42:29 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #1304
To: Info-Hams

Info-Hams Digest Tue, 2 Nov 93 Volume 93 : Issue 1304

Today's Topics:

3V8AS, anyone else?
Email_Callbook_server
EMI/RFI from Hidden Fence
Is the band dead -- or nobody on?
Kenwood IF-232
Mods for FT-290RII
N8EMR_BBS_INFO
Repeater Trivia Question.
SAREX Keps & Update 10/28
TS-820S+17m+DC FOR SALE
Welcome to rec.radio.info!

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Tue, 2 Nov 1993 19:20:07 GMT
From: crl.dec.com!crl.dec.com!nntpd.lkg.dec.com!peavax.mlo.dec.com!
usenet@decwrl.dec.com
Subject: 3V8AS, anyone else?
To: info-hams@ucsd.edu

In article <2b5o10\$4lo@cville-srv.wam.umd.edu>, ham@wam.umd.edu (Scott Richard
Rosenfeld) writes:

> Worked 3V8AS (Tunisia) on Sunday on 17m CW. The GO list says to QSL via
> IK5GQM. Any comments? Is this a SLIM?

No, it's a real operator in Tunisia. His credentials have not been accepted by the ARRL DXCC desk, though.

- Jim AD1C

--

Jim Reisert AD1C Internet: reisert@mlo.dec.com
Digital Equipment Corp. UUCP: ...decwrl!mlo.dec.com!reisert
146 Main Street - ML03-6/C9 Voice: 508-493-5747
Maynard, MA 01754 FAX: 508-493-0395

Date: Mon, 1 Nov 1993 06:00:34 GMT
From: tribune.usask.ca!kakwa.ucs.ualberta.ca!alberta!nebulus!ve6mgs!usenet@decwrl.dec.com
Subject: Email_Callbook_server
To: info-hams@ucsd.edu

EMAIL CALLSIGN SERVER

US CALLS ONLY

(access interface changed..)

For those who do not have telnet access to marvin or one of the other Internet callsign servers here is an alternative.

N8EMR's Ham BBS, 614-895-2553 has an email server up and running. The Server is based on Buckmasters Fall 92 database.

----- INTERNET AND CIS USERS -----

Mail should be addressed to
callbook@n8emr.cmhnet.org

You MUST use the reply line now.. To many people with bad reply paths.. I got tired of seeing the errors bounced back to me.

There are two command line options. One is REPLY. This command is used to specify the return path to use for the callbook request. You can use internet @ or bang ! path format.

The second command is CALL. This command is used to specify a list of callsigns. Each call sign is seperated by a white space. All other lines and info are ignored.

E.G.

```
# mail callbook@n8emr.cmhnet.org
REPLY user@site.domain (your reply path, ! or @ format.)
CALL n8emr w5rrr (list of calls, space seperated)
^D
#
```

----- PACKET RADIO -----

Mail should be sent to CBOOK@N8JYV.#CMH.OH.USA.NA
You MUST use both the REPLY and CALL option lines.
The REPLY line should be as follows n8jyv!HOME_BBS!CALL, where
HOME_BBS is your local packet bbs where you would normal pick up
your mail, CALL is your callsign.
You must include the n8jyv! in your reply path.. Packet mail will fail
without this.

E.g.
SP CBOOK@N8JYV.#CMH.OH.USA.NA
Subject ^M
REPLY n8jyv!w8cqk!n8emr
CALL n8emr w1aw
/EX

Date: 2 Nov 93 23:17:21 GMT
From: sdd.hp.com!hpscit.sc.hp.com!cupnews0.cup.hp.com!jholly@hplabs.hp.com
Subject: EMI/RFI from Hidden Fence
To: info-hams@ucsd.edu

Ed Hare - KA1CV (ehare@arrl.org) wrote:

: Well, there is probably a strong 15.75 kHz em field around most TVs,
: the frequency of the horizontal sweep. The horizontal sweep waveforms
: are rich in harmonics (appearing as a rough buzz every 15 kHz even
: in HF bands). The Hidden Fence receiver is approximately 32 kHz, so
: it is real close. Either the 15 kHz fundamental, or harmonics, are
: activating the collar.

: This is much like the feeling I get when I am wearing my tie at work --
: I wonder if . . .

You mean your tie shocks you when the other staffers are watching tv? :-)

Wow, I knew there was a reason not to wear a tie to work!

Jim, WA6SDM
jholly@cup.hp.com

Date: Sun, 31 Oct 1993 20:16:15 GMT
From: news.cerf.net!pagesat!olivea!spool.mu.edu!darwin.sura.net!perot.mtsu.edu!
raider!theporch!jackatak!root@network.ucsd.edu
Subject: Is the band dead -- or nobody on?
To: info-hams@ucsd.edu

alan@olin.es.com (Alan Brubaker) writes:
> In article <1993Oct27.200502.9559@VFL.Paramax.COM> rossi@VFL.Paramax.COM
> >I was talking to a friend about how dead the bands seemed lately - 10 meters
> >especially, yet we both noted the following:
> Good observation - 10 meters has been quiet for the past couple of
> months, but if you hang around enough, you can catch an opening now
Yes, this is true. What is also true, and largely explains the
"dead-band" phenomena is that many hams just ASSUME (incorrectly, I
might add) that the bands are dead because "everyone knows that"... so
they don't TRY.

If you check for beacons on 10 meters, you'll know whether (and more
importantly TO WHERE) the band is open early, and have the advantage
of being one of the early ones to cash in...

For 15 meters, try listening for HCJB at 21.455. Granted this is a
real POWERHOUSE from high in the Andes, but if HCJB is running 20 over
S9, then the band is probably open for transequatorial...

Reak issue here is listening, knowing what to listen for, and then
calling CQ. You do NOT have to run "soup" when the bands suddenly
opens, you just have to BE THERE!!!

I recall, during the pits of the last sunspot dip, hearing a station
in Missouri yakking with a station in San Diego, both bitching about
how dead the band was... I could hear them, and their signals were
fairly stout, so I tuned around, and about 15KHz above them worked a
TON of ZL, VK, JA, YB, VU all the while they were still staying in one
place (leaving me alone to the feast! ;^) and just bitching about
conditions... I thought conditions were pretty fine that night!

> >Why is it that the band can be open to a specific area of the world yet you
> >only hear a very few stations from that area??
Because the rest of the world doesn't listen to beacons and dead bands
any better than the rest of us do.

> Sometimes the one station that you hear will have an exceptionally
> good transmitting system (KW, beam high in the air) - and the other
> stations running low power and a dipole are just not as visible.

usenet@decwrl.dec.com
Subject: N8EMR_BBS_INFO
To: info-hams@ucsd.edu

The N8EMR Ham bbs is online to serve the needs of the
amateur radio operators..

HOW TO ACCESS THE N8EMR HAM RADIO TELEPHONE BBS !!!

System Name: N8EMR
Phone: 614-895-2553
Login: hbbs
Modems: TB2500 PEP/V.32 support
Times: 24hrs
IP Address: 44.70.0.1
Amateur radio anonymous ftp access is available via the ohio
netrom/ip network. CMHIP is the Netrom node Id and is known
by most of the nodes in ohio. (its slow but it works)
This is only via the ohio packet network. This sytem
is not available via the "INTERNET".

To access the system via the dialup, at the login prompt type hbbs
(lower case only), you will then enter the BBS program. Follow the
directions from the bbs prompts.

I attempt to keep the latest and greatest HAM software on-line, and
encourage all to upload Here is some of software that is available
for downloading.

NEWHAM area. Pick the tools you need to become a ham
AMSAT news and satellite keplerian elements
KA9Q TCP/IP Software for various computers,
ARRL related files
Latest packet bbs programs and utilitys.
Modifications for HAM Rigs and Scanners
DX and contesting programs
Many Packet related programs
Scanner, shortwave and TVRO files and messages.
NASA NEWS..
Online Callsign lookup.

Question or comments to

Gary W. Sanders (gws@n8emr.cmhnet.org), 72277,1325
N8EMR @ W8CQK (ip addr) 44.70.0.1 [Ohio AMPR address coordinator]
HAM BBS 614-895-2553
Voice: 614-895-2552 (eves/weekends)

Date: Tue, 2 Nov 1993 05:15:24 GMT
From: news.Hawaii.Edu!uhunix3.uhcc.Hawaii.Edu!jherman@ames.arpa
Subject: Repeater Trivia Question.
To: info-hams@ucsd.edu

In article <2b3vh2\$9a6@crcnis1.unl.edu> mcduffie@unlinfo.unl.edu (Gary McDuffie Sr) writes:

>turini@ariel.gdls.com (Bill Turini) writes:

>

>>Who put the first amateur repeater on the air? When? Where? and what band?

>

>>No prize to the winner, only everlasting gratitude :-)

>

>>73's

>

>>Bill

>

>It may not have been the first, but you will have to go some to beat

>K6MYK's AM repeater in LA. I used it in the early 60's.

>

>Gary

Ah yes, that was Art Gentry's repeater. I can still hear Millie's (W6MEP) sweet voice on the tape I.D.: ``This is the Los Angeles Repeater - K6MYK, Mount Lee, Hollywood'', once every 10 minutes or so. Art would get so mad at the kids abusing the repeater that about once per day he would come over the UHF link and threaten to turn the machine off. At that time I believe that was the ONLY repeater in L.A.

Jeff NH6IL/QRP (ex: WA6QIJ)

Date: 2 Nov 93 17:50:07 GMT
From: news-mail-gateway@ucsd.edu
Subject: SAREX Keps & Update 10/28
To: info-hams@ucsd.edu

R:931101/0025Z @:WA7BHH.WA.USA.NA [Tacoma] #:12848 Z:98465 FBB5.15

R:931101/0000Z @:W7GCI.WA.USA.NA [Tacoma] #:35118 Z:98499 FBB5.15

R:931030/1514Z @:N8GTC.#CIN.IN.USA.NOAM Brookville #:47346 Z:47012

R:931030/0718z 29215@W90J.IN.USA.NA

R:931030/0652z 22073@N5CEC.IN.USA.NA

R:931030/0540Z @:KK9G.#CEIN.IN.USA.NA [Indianapolis,In.] #:21727

R:931030/0537Z @:N5AAA.#CEIN.IN.USA.NA [Noblesville] #:35453

R:931029/1256Z @:KD9LP.#NCIN.IN.USA.NA [Amboy] #:26400 Z:46911 FBB5.15

R:931029/0636Z @:NU9H.#NWIN.IN.USA.NA [MIDWEST SATGATE] #:15967
R:931028/1900z @:WA8URE.#SWMI.MI.USA.NA Grand Rapids #:36038 Z:49508

SB SAREX @ AMSAT \$STS-58.025
SAREX Keps & Update: 10/28

Thursday 10/28/93 @ 08:00 UTC

The last school group contact was completed yesterday. The Portsmouth HS in Portsmouth, New Hampshire had a telebridge contact using stations in California (Ralph Warner, N6MNN) and Texas (Bob Douglas, W5GEL). The students asked 5 questions during this bridge contact.

Hams across the U.S. and around the world continue to work the Shuttle Columbia on both voice and packet. Moreover, the completion of school group contacts has cleared several school backup passes for possible general QSO opportunities. While the SAREX Working Group cannot fully guarantee availability, there is a high probability that the STS-58 crew will be ready to take general call. on these passes. Two of these "scheduled" passes remain. These include orbit 178 at MET 11 days 1 hour 42 minutes (10/29 at 16:35 UTC) and orbit 192 at MET 11 days 22 hours and 29 minutes (10/30 at 13:22 UTC). Please note that the astronauts operated voice during yesterday's "scheduled" pass which occurred on 10/27 at 14:59 UTC (Orbit 145). Also note that hams on the ground heard or worked the Shuttle Columbia crew on several other orbits yesterday.

Element set GSFC-031, generated by Ron Parise, WA4SIR, is the official SAREX set for today. Please note that there is only a six second difference between element set GSFC-025 (released two days ago) and element set GSFC-031.

STS-58

1	22869U	93065A	93300.17699070	0.00133671	99048-5	24183-3	0	318
2	22869	39.0252	71.9896	0012817	34.2105	325.9529	16.00500857	1383

Satellite: STS-58

Catalog number: 22869

Epoch time: 93300.17699070 (27 OCT 93 04:14:51.** UTCset:

GSFC-031

Inclination:	39.0252 deg	
RA of node:	71.9896 deg	Space Shuttle Flight STS-58
Eccentricity:	0.0012817	Keplerian Elements
Arg of perigee:	34.2105 deg	
Mean anomaly:	325.9529 deg	
Mean motion:	16.00500857 rev/day	SAXIS: 6651.1630 Km
Decay rate:	0.13E-02 rev/day*2	Apogee Alt: 281.30 Km
Epoch rev:	138	Perigee Alt: 264.25 Km

NOTE - This element set is based on NORAD element set # 031.
The spacecraft has been propagated to the next ascending
node, and the orbit number has been adjusted to bring it
into agreement with the NASA numbering convention.

Submitted by F, KA3HDO for the SAREX Working Group

Date: Tue, 02 Nov 1993 15:38:36 GMT
From: yuma!galen@purdue.edu
Subject: TS-820S+17m+DC FOR SALE
To: info-hams@ucsd.edu

Kenwood TS-820S (160 thru 10 +17m) For Sale!
Digital display has been cured of it's dropout problems!
Has tube finals and driver, tubes less than 3 months old!
Has 17m transceive capability (70 Watts CW)!
Includes crystal for 12m mod, and the QST article with 12,17 and 10m mods!
Has 12VDC Converter!
Recently aligned, both RF and audio sound great!
Has owners' and service manual.
Asking \$400 or best offer.
Terms: UPS COD cash only, you pay shipping.

Phone 303-482-2316 (msg) or e-mail.

Galen, KF0YJ.
I reserve the right to refuse any or all offers.

Date: Sat, 30 Oct 1993 21:01:27 MST
From: tribune.usask.ca!kakwa.ucs.ualberta.ca!alberta!nebulus!ve6mgs!bohica!rec-
radio-info@decwrl.dec.com
Subject: Welcome to rec.radio.info!
To: info-hams@ucsd.edu

Archive-name: radio/rec-radio-info/welcome
Last-modified: \$Date: 1993/05/16 21:57 \$
Version: \$Revision: 1.05 \$

*** Welcome to rec.radio.info! ***

Welcome to rec.radio.info, a group that aims to provide a noise-free source
of information and news for the entire rec.radio hierarchy.

Two introductory articles about rec.radio.info are posted to the group and to news.answers every two weeks. You are now reading the first article, which explains what rec.radio.info is, and answers some Frequently Asked Questions. The second article is titled "Submission Guidelines", and you only need to read it if you want to submit an article to rec.radio.info.

You can skip to the next section of this article by searching for the next " -- " string. The sections available are:

- What is the purpose of rec.radio.info?
 - Why are messages almost always cross posted to rec.radio.info?
 - What is a 'follow-up', and what does 'moderated' mean?
 - OK, so now I know what 'moderated' means. Tell me more.
 - What type of material is considered inappropriate?
 - I do not have access to news, how can I get the information posted to rec.radio.info?
 - Will the material appearing in rec.radio.info be archived somewhere?
 - I have a regular posting with timely information, is there a way to speed up it's delivery, or automate for more convenience?
- What is the purpose of rec.radio.info?

The purpose or charter of rec.radio.info is to provide the Usenet community with a resource for information, news, and facts about any and all things radio.

All the other rec.radio groups are intended for discussions and general chit chat about radio. Rec.radio.info will contain informational, factual articles only. Follow-ups are redirected to an appropriate other group, and further discussion (if any) will not take place in rec.radio.info.

In order to ensure that rec.radio.info contains only appropriate articles, it was decided to create the group as a moderated newsgroup.

-- Why are messages almost always cross posted to rec.radio.info?

It provides a "tag" for each article to be assembled into a filtered presentation in rec.radio.info (even with cross-posting, only one message, with a unique Message-ID, is propagated across the net). This tag also facilitates a pre-existing method of dropping or cancelling the articles locally within the discussion groups if you don't want to see them. This accommodates individuals who want to separate the bulletins from the discussions, discussions from the bulletins, as well as those who are adamant about not reading another newsgroup and wanted to see everything all in one basket.

With the total size of Usenet (in number of newsgroups and total traffic) doubling every year or so, this is no insignificant contribution to reducing information noise and chaos. Making the discussion groups a catch-all, and making extra newsgroups filters on that catch-all, is also the most realistic

way to implement such a scheme (It's not intuitively obvious what the charter, contents, and general appropriate topics for each and every newsgroup are. Seeing FAQ's and charter/intro postings in the home newsgroup is beneficial for new readers).

By cross-posting one only is adding a few tens of bytes to each bulletin (to specify the extra group on the Newsgroups line), but are adding the capability for very powerful filtering features available on most news servers, listservers and readers. Your local news guru could probably explain these features in more detail.

In rn, for example, according to Leanne Phillips in her rn kill-file FAQ, add a line of the form:

```
/Newsgroups:.*[ ,]rec\.radio\.info/h:j
```

either in ~/News/KILL (if you don't want to see rec.radio.info articles anywhere) or ~/News/rec/radio/amateur/misc/KILL (if you don't want to see them just in rec.radio.amateur.misc). The latter method means your kill file will only be consulted during rec.radio.amateur.misc (and hence runs more efficiently), and will probably work for most people.

In nn, according to Bill Wohler in his nn FAQ, add a line of the form:

```
rec.radio.info:!s/:^
```

in ~/.nn/kill (if you don't want to see rec.radio.info articles anywhere), or put the following lines:

```
sequence
rec.radio.info
rec.radio.
```

at the end of ~/.nn/init in order to see all the rec.radio.info bulletins first, then read the remaining rec.radio.* without the bulletins.

-- What is a 'follow-up', and what does 'moderated' mean?

If you are new to Usenet and are not familiar with the terminology, you might want to read the general introductory articles found in the newsgroup news.announce.newusers. Doing so will make your life on the net much easier, and will probably save you from making silly beginner's mistakes.

If you think that at this moment you are reading an echo, a conference, or a bulletin board, I'd also strongly suggest a trip over to news.announce.newusers.

For the rest of this article, I will assume you have a basic knowledge of Usenet terminology and mechanics.

A moderated group means that any article that needs to be posted to the group has to be accepted by the moderator of the group. Since we need to ensure that followups to an article (discussion) do not show up in the rec.radio.info newsgroup, the 'Followup-To:' header line contains a newsgroup that is

appropriate for discussions about the specific article.

-- OK, so now I know what 'moderated' means. Tell me more.

Rec.radio.info is a moderated newsgroup, which means that all articles submitted to the group will have to be approved by the moderator first.

The current moderator of the group is Mark Salyzyn. Submissions to rec.radio.info can be posted, or e-mailed to:

rec-radio-info@ve6mgs.ampr.ab.ca

Comments, criticisms, suggestions or questions about the group can be e-mailed to:

rec-radio-request@ve6mgs.ampr.ab.ca

But before you do so, please be sure to check out the "Submission Guidelines" article.

The influence of the moderator should be minimal and of an administrative nature, consisting chiefly of weeding out obviously inappropriate articles, while making sure correct headers etc. are used for the appropriate ones.

-- What type of material is considered inappropriate?

There are three broad categories of articles which will be rejected by the moderator:

- 1) Requests for information: rec.radio.info is strictly a one-way street. I receive information in my mailbox; I then post it to rec.radio.info. Requests for specific information belong in the normal discussion newsgroups. If your request gets answered, you might consider passing the answer on to rec.radio.info, though. Especially if you can edit it into an informational, rather than a discussion, format.
- 2) Obvious discussion articles, or articles that appear unsubstantiated.
- 3) Commercial stuff: a relatively unbiased test of a radio product would be accepted, but any hint of for-profit might be reason for rejection. For three reasons: This is not the purpose of the list, for-profit is a controversial topic, and this list may be passed onto Amateur Packet Radio (where for-profit is prohibited except under certain provisos).

rec.radio.swap (or possibly comp.newprod) may be more deserving of the posting in any matter.

Similarly, copyrighted material generally cannot be used. If it's TRULY worthwhile to the net, I would recommend obtaining permission from the

copyright holder. Please note the source, and if permission was given. I reserve the right to make the final decision concerning appropriateness in all situations. In most cases, a brief summary of, or pointer to, the copyrighted information may be all I can allow.

-- I do not have access to news, how can I get the information posted to rec.radio.info?

brian@UCSD.EDU (Brian Kantor) has kindly supplied a mail list server for rec.radio.info. Non of the articles will be digested, due to their size, so you will receive individual mailings for every article posted to the group.

Mail sent to radio-info@ucsd.edu will be forwarded to the moderator and thus is an alias to rec-radio-info@ve6mgs.ampr.ab.ca

To subscribe and unsubscribe via the listserver; the format for that is

```
sub address radio-info
unsub address radio-info
```

where 'address' is your full mailing address. Send this request to

```
listserv@ucsd.edu
```

Note that the server will automatically delete any address that bounces mail. If you leave the address portion blank, it will try to deduce your address from the mail headers. This may not work if you are on bitnet, milnet or some other non-Unix host, so it is recommended to put your return address in any case. For example:

```
sub mymailbox@myhost.mydomain.mil radio-info
or
sub MEMEME01@DMBHST.bitnet radio-info
```

or something like that.

-- Will the material appearing in rec.radio.info be archived somewhere?

Yes. Still firming up details at the moment but here is a preliminary list:

- unbc.edu as maintained by Lyndon Nerenberg <lyndon@unbc.edu>
 - nic.funet.fi maintained by Risto Kotlampi <rko@cs.tut.fi>
- saved to /pub/dx/text/rec.radio.info currently stored as numbered files.

Effectively this means that anything you post to rec.radio.info will be permanently stored, so your work will not be lost.

-- I have a regular posting with timely information, is there a way to

speed up it's delivery, or automate for more convenience?

Yes, there is! It may take a bit of chatter with the moderator, but we are willing to take responsible people and provide them the means of posting the articles directly from their site. We will try everything we can as we fully realize that DX (distant signal) and astronomical data can be somewhat transitory. We are also willing to allow regular posters of information the same courtesy, even if the information is not as time critical.

We refer to this as self-moderation, which is partly based on the model for news.answer. This requires co-operation and good will to be beneficial to the community in the rec.radio hierarchy.

I suggest reading the posting guidelines for more information. I am open to suggestions.

I thank the following individuals for their input into this article:
rec.music.info moderator Leo Breebaart rec-music-info@cp.tn.tudelft.nl
rec.radio.broadcasting moderator Bill Pfeiffer wdp@gagme.chi.il.us
Paul W. Schleck, KD3FU pschleck@unomaha.edu
Ian Klufft, KD6EUI iklufft@uts.amdahl.com

--

Mark Salzyn -- Moderator rec.radio.info
Submissions to: rec-radio-info@ve6mgs.ampr.ab.ca
Administrivia to: rec-radio-request@ve6mgs.ampr.ab.ca
* Requests for information do *not* belong in rec.radio.info *

End of Info-Hams Digest V93 #1304

